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Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Patent Application  
Serial No. : 09/056,019  
Filed : April 7, 1998  
Inventors : Tuomanen et al.  
Title : POLYPEPTIDE COMPRISING THE AMINO  
ACID OF AN N-TERMINAL CHOLINE  
BINDING PROTEIN A TRUNCATE, VACCINE  
DERIVED THEREFROM AND USES THEREOF  
Docket No. : 1340-1-017

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231 on 06/23/99.

Yan Wang  
(Name of Depositor)

Wang Yan 06/23/99  
(Signature and Date)

RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

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ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Sir:

Responsive to the Notice dated May 17, 1999 and in accordance with 37 CFR 1.821 - 1.825, Applicant submits herewith the following:

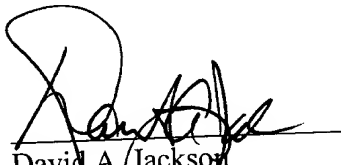


1. A paper copy of a Sequence Listing for insertion into the Application as filed at the end of the Specification and prior to the Claims.
2. A copy of the Sequence Listing in computer readable form (ASCII text), submitted on a 3/4" floppy disk compatible with IBM format.
3. Applicants hereby request a one (1) month Extension of Time under 37 C.F.R. 1.136(a). Enclosed is the fee of \$110.00 for extension.
4. A statement in support of the filing and submission of a Sequence Listing in accordance with 37 CFR 1.821 - 1.825.
5. A copy of the Notice to Comply with Requirements for Patent Applications containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures.

Applicants request favorable consideration and entry of the Sequence Listing submitted herewith and further and favorable processing of the present Application.

Applicants hereby authorize that any charges in addition to the above authorized that relate to the filing and processing of the present Application in accordance with 37 CFR 1.16 and 1.17 may be charged to Deposit Account No. 11-1153. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,



David A. Jackson  
Attorney for Applicants  
Registration No. 26,742

DAJ/yw  
Enclosures